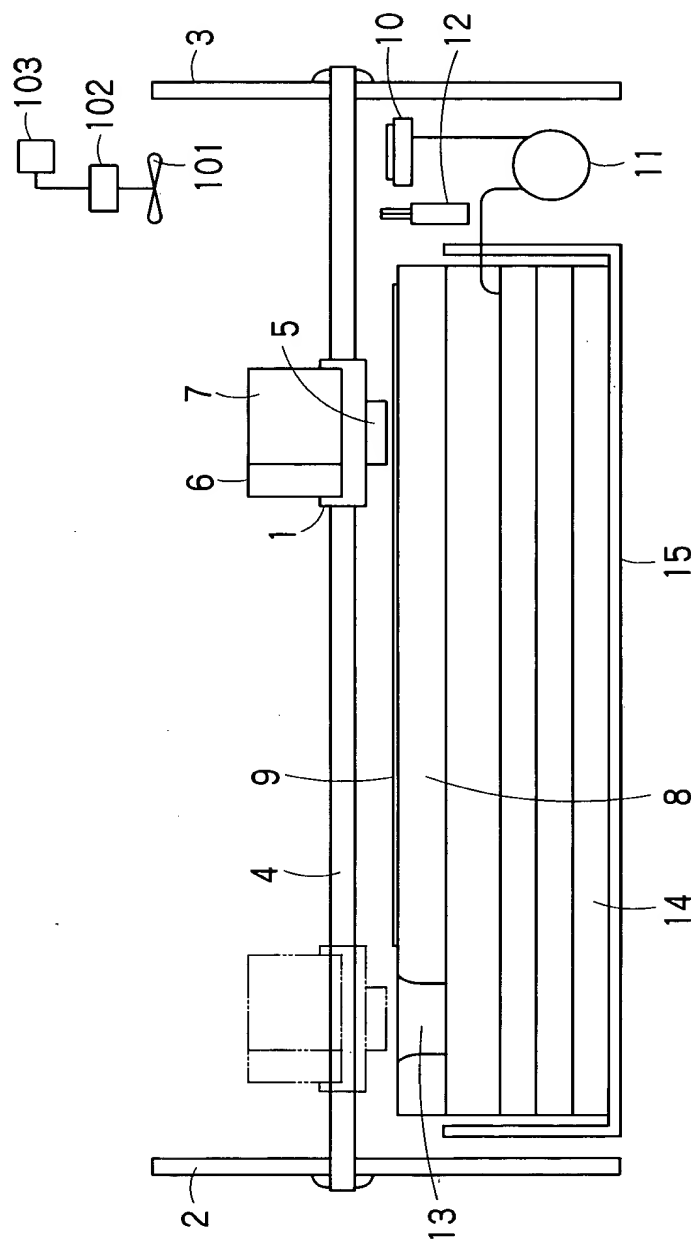


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 $\frac{1}{a}$ 

F1G.1

7160

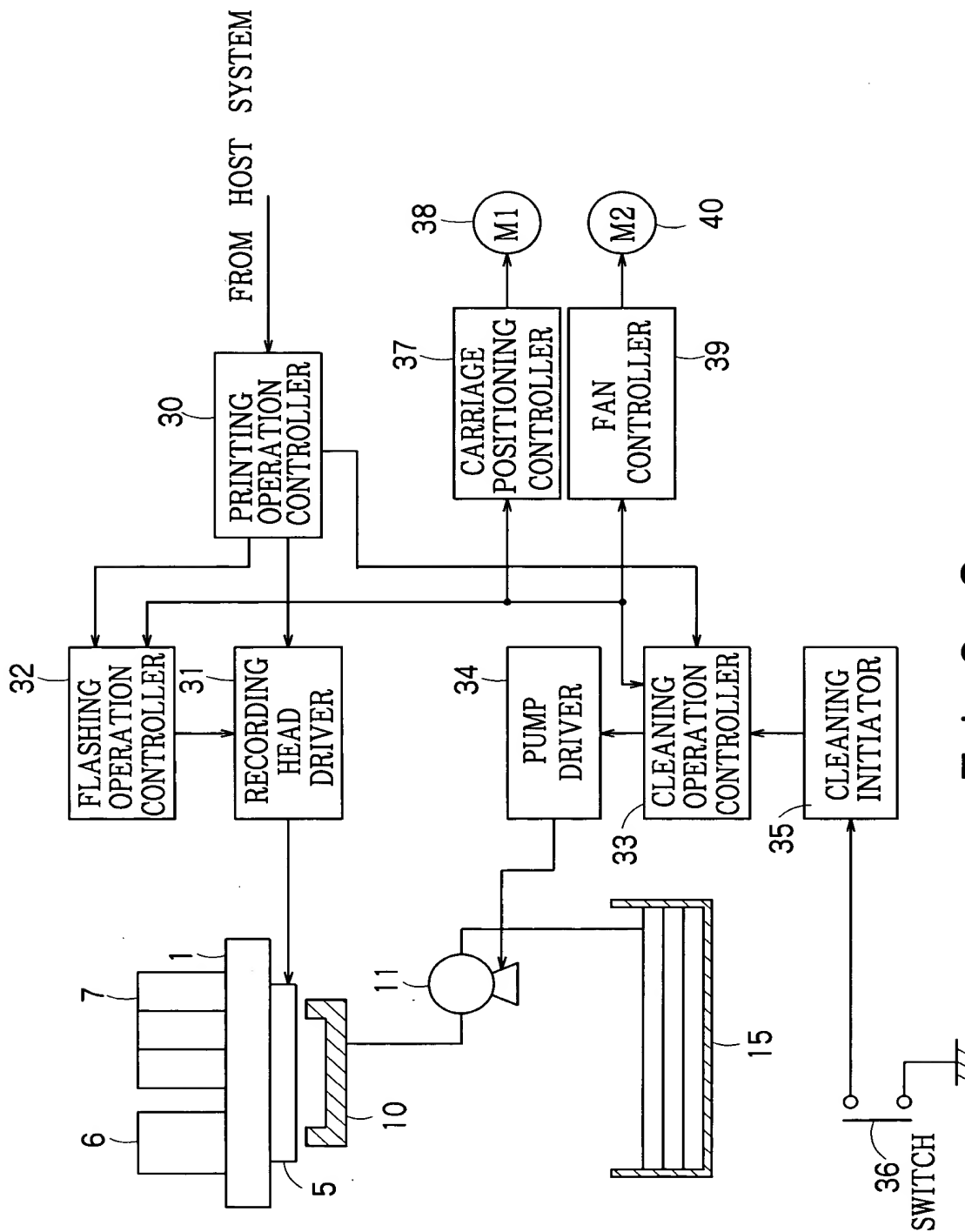


FIG. 2

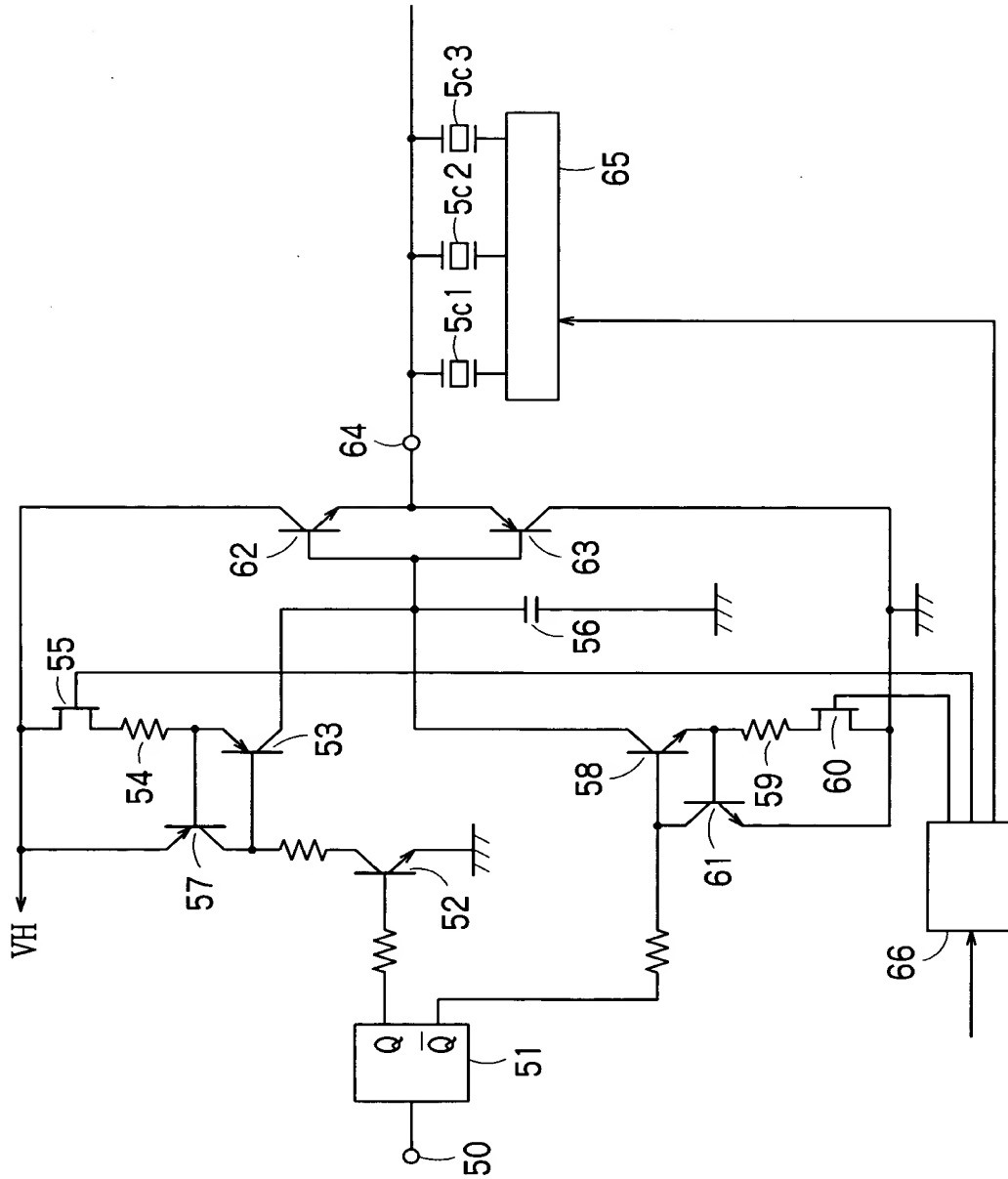
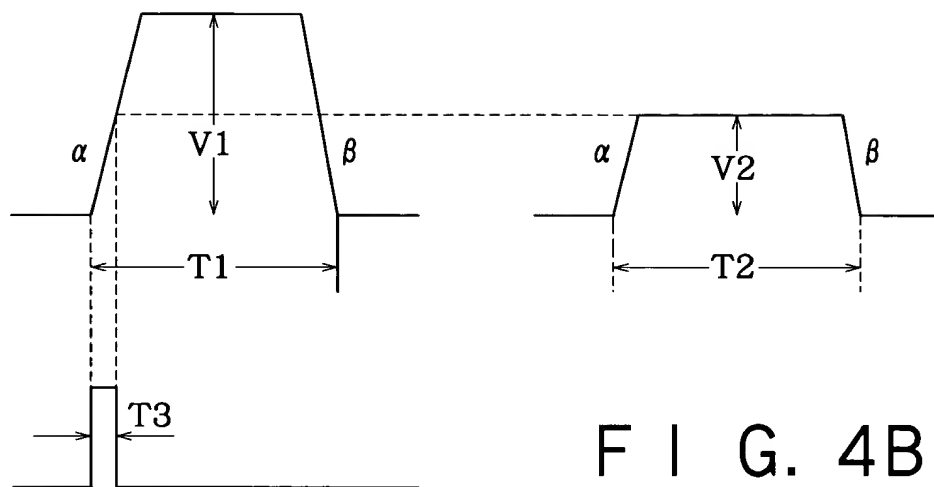


FIG. 3

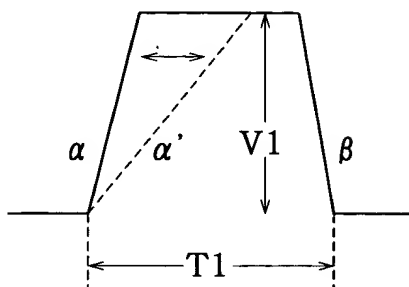
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F I G. 4B

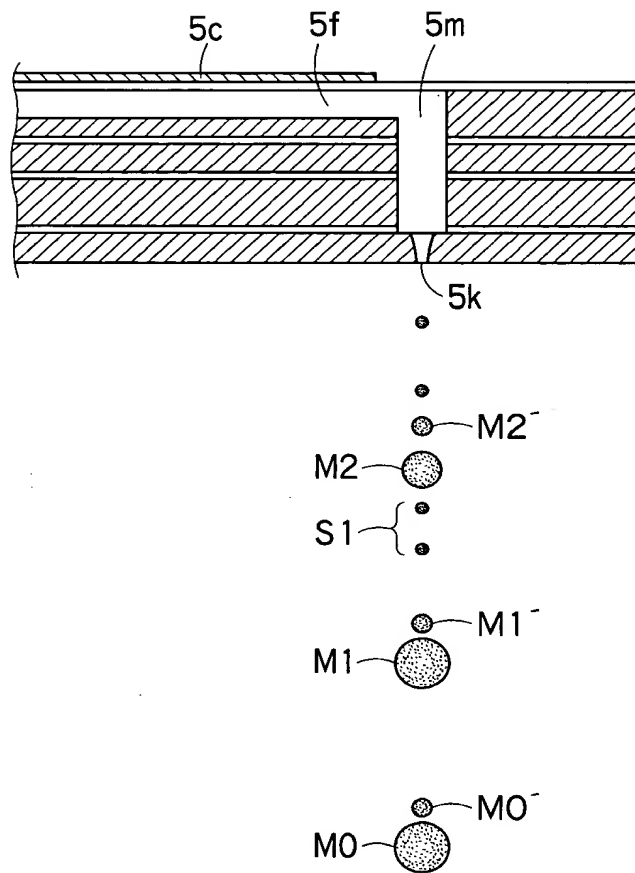
F I G. 4A



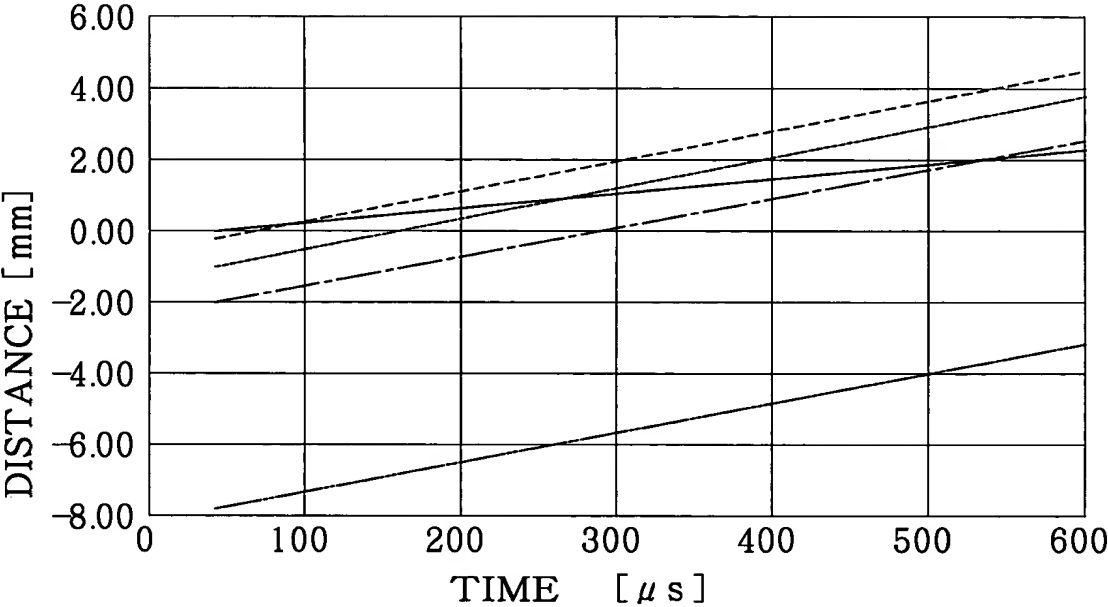
F I G. 5

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F I G. 6



[EXPLANATORY NOTE]

- FLYING CHARACTERISTIC OF MINUTE INK PARTICLES JETTED IN THE PRECEDING INK JETTING CYCLE
- FLYING CHARACTERISTIC OF THE MAIN INK PARTICLES JETTED IN THE SUCCEEDING INK JETTING CYCLE BY USING A 1,000 Hz FLASHING SIGNAL
- FLYING CHARACTERISTIC OF THE MAIN INK PARTICLES JETTED IN THE SUCCEEDING INK JETTING CYCLE BY USING A 3,600 Hz FLASHING SIGNAL
- FLYING CHARACTERISTIC OF THE MAIN INK PARTICLES JETTED IN THE SUCCEEDING INK JETTING CYCLE BY USING A 7,200 Hz FLASHING SIGNAL
- FLYING CHARACTERISTIC OF THE MAIN INK PARTICLES JETTED IN THE SUCCEEDING INK JETTING CYCLE BY USING A 28,800 Hz FLASHING SIGNAL

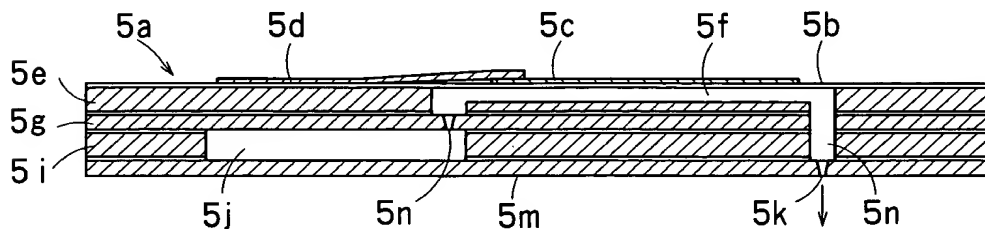
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Vm[m/s]	8	8	8	8	8	8
Vs [m/s]	7	6	5	4	3	2
L [mm]	2	3	2	2	2	2
f [Hz]	28000	12000	6667	4000	2400	1333

F I G. 8

FLASHING FREQUENCY [Hz]			1000	3600	4800	7200	14400	28800
CONTAMINATION	EXTERIOR	BLACK	×	△	○	○	○	○
		CYAN	×	×	△	△	○	○
		MAGENTA	×	×	△	△	○	○
		YELLOW	×	×	△	△	○	○
	INTERIOR	BLACK	×	△	○	○	○	○
		CYAN	×	×	×	△	○	○
		MAGENTA	×	×	×	△	○	○
		YELLOW	×	△	△	○	○	○

F I G. 9



F I G. 10

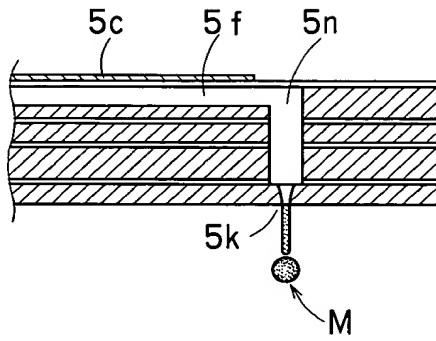


FIG. 11A

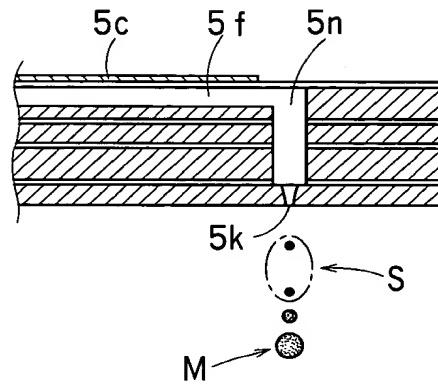


FIG. 11B

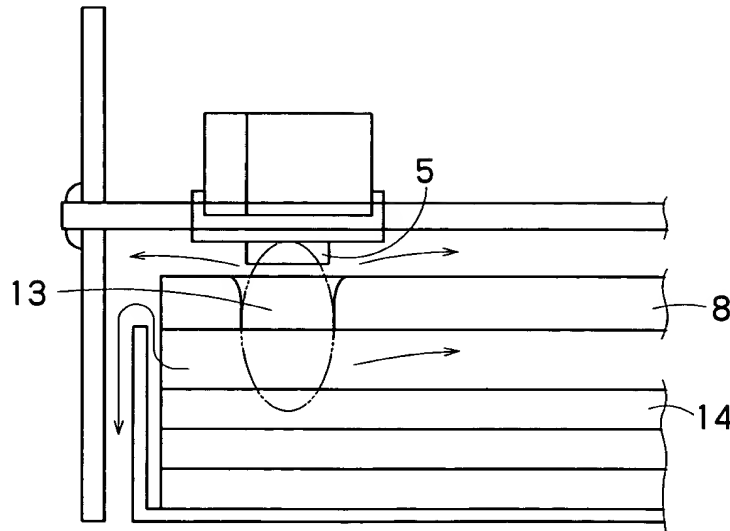
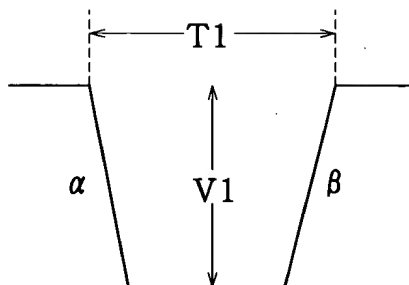


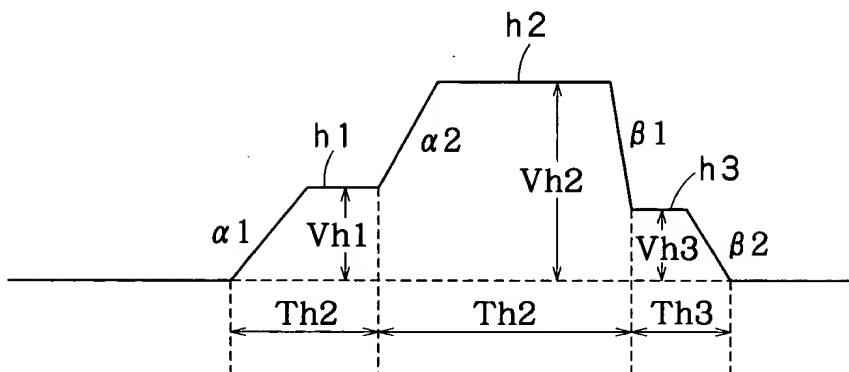
FIG. 12

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F I G. 13



F I G. 14